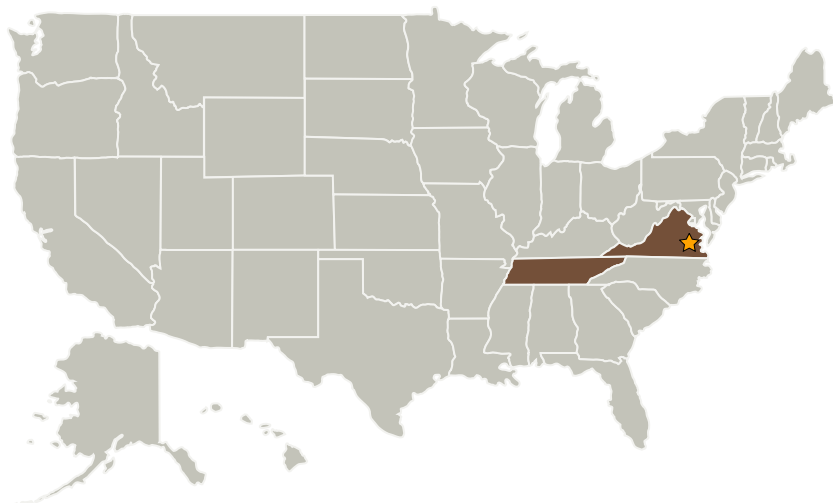


Flight Test Development of the X43A-LS Reusable Launch Vehicle,  
Phase II

Completed Technology Project (2003 - 2005)



## Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★ Langley Research Center (LaRC)	Lead Organization	NASA Center	Hampton, Virginia
Accurate Automation Corporation	Supporting Organization	Industry	Chattanooga, Tennessee

## Primary U.S. Work Locations

Tennessee	Virginia
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Flight Test Development of the  
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Organizational  
Responsibility**Responsible Mission Directorate:**

Space Technology Mission Directorate (STMD)

**Lead Center / Facility:**

Langley Research Center (LaRC)

**Responsible Program:**

Small Business Innovation Research/Small Business Tech Transfer

# Flight Test Development of the X43A-LS Reusable Launch Vehicle, Phase II

Completed Technology Project (2003 - 2005)



## Project Management

**Program Director:**

Jason L Kessler

**Program Manager:**

Carlos Torrez

## Technology Areas

**Primary:**

- TX14 Thermal Management Systems
  - └ TX14.1 Cryogenic Systems
    - └ TX14.1.2 Launch Vehicle Propellant